




ECS Configuration Change Request

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Page(s)

1. Originator Lou Swentek	2. Log Date: 6/26/00	3. CCR #: 00-0632A	4. Rev: A	5. Tel: 0437	6. Rm #: 3008H	7. Dept. Dev.
8. CCR Title: Install perl 5.005_03 modules in EDF						
9. Originator Signature/Date  6/22/2000		10. Class	11. Type: CCR	12. Need Date: 6/23/00		
13. Office Manager Signature/Date  6-22-00		14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted:		17. Schedule Impact: N/A	18. Cl(s) Affected: MCI			
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) The perl 5.005_03 modules that were built for the Perl PSR have not been installed in the EDF. These files should be automounted under the /tools directory and are required for Drop 55 and Drop 6A activities. This is an amendment to the existing CCR 00-0632. This amendment adds the IRIX 6.5 extensions which have recently been built and which are required for Drop 55 activities.						
24. Proposed Solution: (use additional sheets if necessary) Install the Sun, HP, SGI IRIX 6.2, and SGI IRIX 6.5 versions of the perl modules. The files required from CM are perl_sybase_tools_hp1020.tar (cksum 1909662145), perl_sybase_tools_sgi62.tar (cksum 3316746412), perl_sybase_tools_sun5.51.tar (cksum 211822338), perl-5.005-03-irix6.5-bin-wextensions.tar (cksum 346787063), perl-5.005-03-irix6.5-lib-wextensions.tar (cksum 3312019826), and perl-5.005-03-irix6.5-man-wextensions.tar (cksum 3961697122). The installation instructions are attached.						
25. Alternate Solution: (use additional sheets if necessary) N/A						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Drop 55 and 6A work will not be completed.						
27. Justification for Emergency (If Block 15 is "Emergency"): Due date for original CCR was 6/21. Need to have IRIX 6.5 extensions installed in EDF by 6/23 to keep 6.5 upgrade schedule.						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input checked="" type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other VATC SMC						
29. Board Comments:			30. Work Assigned To: LTSC		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):  6/26/00		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

ADDITIONAL SHEET

CCR #: 00-0632A Rev: A Originator: Lou Swentek

Telephone: x0437 Office: 3008H

Title of Change: Install perl 5.005_03 modules in EDF

Installation instructions:

- 1) Log onto the NFS server as root
- 2) Edit /etc/dfs/dfstab to create (if they don't exist) the following entry for tools:
share -F nfs -o root=<any Sun machine>:<any SGI 6.2 machine>:<any SGI 6.5 machine>:<any HP machine> -d "Automnt Tools"
/automnt /tools
- 3) Issue the following command to export the filesystem and new root access
exportfs -a
- 4) As root, log into the Sun machine specified in step 2.
- 5) Copy the file perl_sybase_tools_sun5.51.tar to the root directory of the Sun machine.
- 6) Run the following command from the root directory to extract the perl and module files from the tar file:
tar -xvf perl_sybase_tools_sun5.51.tar
- 7) Make sure that the ownership is set to root:users for all files / directories.
- 8) Remove the perl_sybase_tools_sun5.51.tar file from the Sun machine
- 9) As root, log into the SGI IRIX 6.2 machine specified in step 2.
- 10) Copy the file perl_sybase_tools_sgi62.tar to the /tools directory on the SGI machine.
- 11) Run the following command from the /tools directory to extract the perl modules from the tar file:
tar -xvf perl_sybase_tools_sgi62.tar
- 12) Make sure that the ownership is set to root:users for all files / directories.
- 13) Remove the perl tar file from the SGI machine
- 14) To install HP perl modules, log in as root on the HP machine specified in step 2
- 15) Copy the file perl_sybase_tools_hp1020.tar to the /tools/lib/perl5/5.00503 directory
- 16) Run the following command from the /tools/lib/perl5/5.00503 directory to extract the perl modules from the tar file:
tar -xvf perl_sybase_tools_hp1020.tar
- 15) Remove the file perl_sybase_tools_hp1020.tar from the /tools/lib/perl5/5.00503 directory.
- 16) As root, log into the SGI IRIX 6.5 machine as specified in step 2.
- 17) Copy the files perl-5.005-03-irix6.5-bin-wextensions.tar, perl-5.005-03-irix6.5-lib-wextensions.tar, and perl-5.005-03-irix6.5-man-wextensions.tar to the /tools directory.
- 18) Run the following commands from the /tools directory to extract the perl modules from the tar file:
tar -xvf perl-5.005-03-irix6.5-bin-wextensions.tar
tar -xvf perl-5.005-03-irix6.5-lib-wextensions.tar
tar -xvf perl-5.005-03-irix6.5-man-wextensions.tar
(note: this installations will reinstall the base perl files as well)
- 19) Remove the files perl-5.005-03-irix6.5-bin-wextensions.tar, perl-5.005-03-irix6.5-lib-wextensions.tar, and perl-5.005-03-irix6.5-man-wextensions.tar from the /tools directory.
- 20) Log into the NFS server as root
- 21) Edit /etc/dfs/dfstab removing access privileges (if any) inserted in step 2.
- 22) Issue the following command to export the filesystem and normal root access
exportfs -a

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